

## **VIII. Acronyms and Abbreviations**

## VIII. Acronyms and Abbreviations

---

°C	Celsius
°F	Fahrenheit
µg	microgram
µg/L	micrograms per liter
µg/m <sup>3</sup>	micrograms per cubic meter
µm	micrometer
1992 CO Plan	1992 Federal Attainment Plan for Carbon Monoxide
2020 MWD UWMP	2020 Urban Water Management Plan
2020–2045 RTP/SCS	2020–2045 Regional Transportation Plan/Sustainable Communities Strategy
2022 Scoping Plan	Final 2022 Scoping Plan for Achieving Carbon Neutrality
2024–2050 RTP/SCS	2024–2050 Regional Transportation Plan/Sustainable Communities Strategy
3D	three-dimensional
AAM	annual arithmetic mean
AB	Assembly Bill
ACC II	Advanced Clean Cars II
ACM	asbestos-containing material
ACOE	Army Corps of Engineers
ADA	Americans with Disabilities Act
ADT	average daily traffic
AER	annual emissions reporting
AES	Acoustical Engineering Services
AF	acre-feet

---

AFV	alternative fuel vehicles
AFY	acre-feet per year
AIM	advance infrastructure mitigation
Air Basin	South Coast Air Basin
ALUC	Airport Land Use Commission
AMSL	above mean sea level
APC	area planning commission
AQMP	air quality management plan
AR4	fourth assessment report
AR5	fifth assessment report
Archaeological Resources Assessment	Archaeological Resources Assessment for the Radford Studio Center Project
ARPA	Archaeological Resources Protection Act
ASHRAE	American Society of Heating, Refrigerating and Air Conditioning Engineers
AST	aboveground storage tank
ATCM	airborne toxic control measure
ATCS	adaptive traffic control system
ATSAC	automated traffic surveillance and control
AHJs	authorities-having jurisdiction
BACT	best available control technology
BAU	business-as-usual
Bay-Delta	San Francisco Bay/Sacramento–San Joaquin River Delta
BEN	bicycle enhanced network
BEP	business emergency plan
BEV	battery electric vehicle
bgs	below ground surface
Biological Constraints Report	<i>Biological Constraints Analysis for the Radford Studio Center Project</i>

---

Biological Resources Report	<i>Biological Resources Technical Report—Radford Studio Center Project</i>
BLN	bicycle lane network
BLS	basic life support
BMP	best management practice
BOE	Bureau of Engineering
Bureau of Engineering	Department of Public Works, Bureau of Engineering
C&D	construction and demolition
CA	code amendment
CAA	Clean Air Act
CAAQS	California ambient air quality standards
CAFE	corporate average fuel economy
Cal OES	California Office of Emergency Services
Cal/OSHA	California OSHA
CalARP	California Accidental Release Program
CalEEMod	California Emissions Estimator Model
Cal-EMA	California Emergency Management Agency
CalEPA	California Environmental Protection Agency
CalGEM	California Geologic Energy Management Division
CALGreen	California Green Building Standards
CALGreen Code	California Green Building Standards Code
California ISO	California Independent System Operator
California Register	California Register of Historical Resources
CALINE4	California LINE Source Dispersion Model, version 4
CalRecycle	California Department of Resources Recycling and Recovery
Caltrans	California Department of Transportation
CAP	climate action plan
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board

---

CAS	climate adaptation strategy
CAT	climate action team
CBC	California Building Code
CCAA	California Clean Air Act
CCR	California Code of Regulations
CCUS	carbon capture, utilization, and storage
cd/m <sup>2</sup>	candela per square meter
CDFA	California Department of Food and Agriculture
CDFW	California Department of Fish and Wildlife
CDR	carbon dioxide removal
CDTFA	California Department of Tax and Fee Administration
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act
CERFA	Community Environmental Response Facilitation Act
CERS	california environmental reporting system
CESA	California Endangered Species Act
cf	cubic feet
CFR	Code of Federal Regulations
cfs	cubic feet per second
CGS	California Geologic Survey
CH <sub>4</sub>	methane
CHC	Cultural Heritage Commission
CHP	California Highway Patrol
CHRIS	California Historical Resources Information System
CI	compression ignition
City	City of Los Angeles
City Freeway Guidance	Interim Guidance for Freeway Safety Analysis

---

Climate Registry	California Climate Action Registry
CNDDDB	California Natural Diversity Database
CNEL	community noise equivalent level
CNG	compressed natural gas
CNPS	California Native Plant Society
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO <sub>2</sub>	carbon dioxide
CO <sub>2</sub> e	units of equivalent mass of carbon dioxide
COC	chemicals of concern
CoIWMP	Countywide Integrated Waste Management Plan
Collaborative	California Biodiversity Collaborative
Community Plan	Sherman Oaks–Studio City–Toluca Lake–Cahuenga Pass Community Plan
COMPSTAT	crime control model computer statistics
Conservation Element	City of Los Angeles General Plan Conservation Element
Cortese List	Hazardous Waste and Substances Sites
County	County of Los Angeles
County Flood Control	County of Los Angeles Flood Control District
CPTED	crime prevention through environmental design
CPUC	California Public Utilities Commission
CRMTP	cultural resource monitoring and treatment plan
CRP	consumer rebate program
CSE	countywide siting element
CTC	California Transportation Commission
CTLS	City Trunk Line South
CTMP	construction traffic management plan
CUPA	Certified Unified Program Agency
CVC	California Vehicle Code

CWA	Clean Water Act
CWC	California Water Code
D	diameter
d/D	depth-to-diameter ratio
DA	development agreement
DASH	downtown area short hop
dB	decibels
dBA	A-weighted decibels
DBH	diameter-at-breast height
DBS	Department of Building and Safety
DDT	dichlorodiphenyltrichloroethane
Design Guide	City of Los Angeles Complete Streets Design Guide
Dewatering Report	Dewatering Simulation and Analysis for Excavation and Underground Parking Structure Construction Report
DIVCA	Digital Infrastructure and Video Competition Act of 2006
DNL	day-night average noise level
DOE	Department of Energy
DOGGR	Division of Oil, Gas, and Geothermal Resources
DOSH	Division of Occupational Safety and Health
DPM	diesel particulate matter
DSH	diameter-at-standard height
DTSC	Department of Toxic Substances Control
du	dwelling unit
DWR	Department of Water Resources
EDR	Environmental Data Resources, Inc.
EHLF	emergency helicopter landing facility
EIR	Environmental Impact Report
EISA	Energy Independence and Security Act of 2007
EMFAC	EMission FACTor

---

EMFAC2021	CARB EMFAC 2021 model
EMMA	emergency managers mutual aid
emp	Employee
EMS	emergency medical service
Energy Code	California Energy Code
EOP	emergency operations plan
EPACT92	National Energy Policy Act of 1992
EPCA	Energy Policy and Conservation Act of 1975
ERC	emission reduction credits
ERO	electric reliability organization
ESA	Endangered Species Act
EV	electric vehicle
EVSE	electric vehicle supply equipment
EWMP Group	Upper Los Angeles River Watershed Management Group
fc	foot-candle
FEMA	Federal Emergency Management Agency
FERC	Federal Energy Regulatory Commission
FESA	Federal Endangered Species Act
FHWA	Federal Highway Administration
FIND	facility information detail
FIRM	flood insurance rate map
FIS	flood insurance studies
fL	footlamberts
FPS	fire preemption system
Framework Element	City of Los Angeles General Plan Framework Element
<i>Friant Ranch</i>	<i>Sierra Club v. County of Fresno</i>
FTA	Federal Transit Administration
FUA	Fuel Use Act



---

gal	gallons
GBUAPCD	Great Basin Unified Air Pollution Control District
General Plan	City of Los Angeles General Plan
Geosyntec	Geosyntec Consultants, Inc.
Geotechnical Investigation	Geotechnical Engineering Evaluation
GHG	greenhouse gas
GIS	geographical information system
gpd	gallons per day
gpm	gallons per minute
GSP	groundwater sustainability plan
GTP	geoarchaeological testing plan
Guidelines	Citywide Design Guidelines
GWh	gigawatt hours
GWP	global warming potential
H <sub>2</sub> S	hydrogen sulfide
HABS	historic American building survey
HASP	health and safety plan
Hazards Assessment	Hazards and Hazardous Materials Assessment
HazMat	hazardous material
HAZNET	hazardous waste manifest data
HCM	historic-cultural monument [Section IV.D, Cultural Resources]
HCM	Highway Capacity Manual [Section IV.M, Transportation]
HCS	historic context statement
HDV	heavy Duty Vehicles
HFCs	hydrofluorocarbons
HIN	high injury network
Historical Resources Report	Historical Resources Technical Report—Radford Studio Center Project
HMGP	Hazard Mitigation Grant Program

---

HMIS	hazardous material identification system
HMMP	hazardous material management program
HMTA	Hazardous Materials Transportation Act
HOV	high-occupancy vehicle
HP	horsepower
HPOZ	historic preservation overlay zone
HQTA	high-quality transit area
HQTC	high-quality transit corridor
HRA	health risk assessment
HRG	Historic Resources Group
HSC	Health and Safety Code
HSR	historic structure report
HVAC	heating, ventilating and air conditioning
HWCL	Hazardous Waste Control Law
HWRP	Hyperion Water Reclamation Plant
Hz	hertz
IBC	International Building Code
IDEFO	inert debris engineered fill operations
IESNA	Illuminating Engineering Society of North America
IFC	International Fire Code
IIPP	injury and illness prevention program
in/sec	inches per second
IPCC	Intergovernmental Panel on Climate Change
IRP	integrated resources plan
ITA	Information Technology Agency
ITE	Institute of Transportation Engineers
VMT Calculator	City of Los Angeles VMT Calculator Version 1.4
Jurisdictional Delineation Report	<i>Jurisdictional Delineation Report—Radford Studio Center Project</i>

---

Kizh Nation	Gabrieleño Band of Mission Indians–Kizh Nation
kWh	kilowatt-hours
LA Green Plan/ClimateLA	<i>Green LA, An Action Plan to Lead the Nation in Fighting Global Warming</i>
LAA	Los Angeles Aqueducts
LADBS	Los Angeles Department of Building and Safety
LADOT	Los Angeles Department of Transportation
LADWP	Los Angeles Department of Water and Power
LAFD	Los Angeles Fire Department
LAMC	Los Angeles Municipal Code
Landscaping Guidelines	Los Angeles River Master Plan Landscaping Guidelines and Plant Palettes
LAPD	Los Angeles Police Department
LARRMP	Los Angeles River Revitalization Master Plan
LARWQCB	Los Angeles Regional Water Quality Control Board
LASAN	Los Angeles Department of Public Works, Bureau of Sanitation
LBP	lead-based paint
lbs	pounds
lbs/day	pounds per day
LCFS	low carbon fuel standard
L <sub>dn</sub>	day-night average sound level
LDV	light-duty vehicle
L <sub>eq</sub>	equivalent sound level over 1 hour
LEV	low-emission vehicle
LID	low impact development
LID Handbook	<i>Development Best Management Practices Handbook, Low Impact Development Manual</i>
LID Ordinance	Low Impact Development Ordinance
Lighting Report	Radford Studio Center Project Lighting and Glare Technical Report

Im	lumen
L <sub>max</sub>	maximum noise levels
LOS	level of service
LQG	large quantity generator
LSAA	Lake or Streambed Alteration Agreement
LTCP	long-term conservation plan
LUP	land use permit
LUST	leaking underground storage tank
LZ	lighting zone
MAF	million acre-feet
Mandatory Reporting Rule	mandatory reporting of greenhouse gas emissions
MATES-V	multiple air basin toxics exposure study
MBS	Manhattan Beach Studios
MBTA	Migratory Bird Treaty Act
mBTU	thousand British thermal units
MCL	maximum contaminant level
MDV	medium duty vehicles
Methane Code	Los Angeles Methane Seepage Regulations
Metro	Los Angeles County Metropolitan Transportation Authority
mg/cm <sup>2</sup>	milligram per square centimeter
mg/kg	milligrams per kilogram
mgd	million gallons per day
MLD	most likely descendant
MMBtu	million British thermal units
MMP	mitigation monitoring program
MMRP	mitigation monitoring and reporting program
MMTCO <sub>2e</sub>	million metric tons of carbon dioxide equivalent
MND	mitigated negative declaration

---

Mobility Element	City of Los Angeles Circulation Element
Mobility Plan	Mobility Plan 2035
MPD	multiple property documentation
mpg	miles per gallon
mph	miles per hour
MPO	metropolitan planning organization
MPP	manual of policies and procedures
MRL	Mesquite Regional Landfill
MRR	mandatory reporting of greenhouse gas emissions
MS4	Municipal Separate Storm Sewer Systems
MTA	Metropolitan Transportation Authority
MTM	Mary Tyler Moore
Mutual Aid Plan	California Fire Service and Rescue Emergency Mutual Aid Plan
MW	megawatts
MWD	Metropolitan Water District of Southern California
MWh	megawatt-hours
MXD	mixed-use development
N/A	not available
N <sub>2</sub> O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NAHC	Native American Heritage Commission
National Register	National Register of Historic Places
NEHRP	National Earthquake Hazards Reduction Program
NEN	neighborhood enhanced network
NERC	North American Electric Reliability Corporation
NF <sub>3</sub>	nitrogen trifluoride
NFIP	National Flood Insurance Program
NFPA	National Fire Protection Association

NHMLA	Los Angeles County Natural History Museum
NHTSA	National Highway Traffic Safety Administration
NMA	neighborhood mobility area
NO <sub>2</sub>	nitrogen dioxide
NOI	notice of intent
NOP	Notice of Preparation
NO <sub>x</sub>	nitrogen oxides
NPDES	National Pollutant Discharge Elimination System
NSR	new source review
O <sub>3</sub>	ozone
OAERP	operational area emergency response plan
OEHHA	California Office of Environmental Health Hazard Assessment
OEM	County of Los Angeles Office of Emergency Management
OFFROAD	off-road emissions inventory program
OHP	Office of Historic Preservation
OHR	Office of Historic Resources
OHWM	ordinary high water mark
One Water LA Plan	One Water LA 2040 Plan
Open Space Element	City of Los Angeles General Plan Open Space Element
OPR	Office of Planning and Research
OSHA	Occupational Safety and Health Administration
Pb	lead
PCBs	polychlorinated biphenyls
PCE	passenger car equivalent
PDA	priority development area
PDF	project design feature
PED	pedestrian enhanced district
PFCs	perfluorocarbons

---

PGA	priority growth area
Phase I ESA	Phase I Environmental Site Assessment
PHEV	plug-in hybrid electric vehicle
PHMSA	Pipeline and Hazardous Materials Safety Administration
Plan for a Healthy Los Angeles	Plan for a Healthy Los Angeles: A Health and Wellness Element of the General Plan
PM	particulate matter
PM <sub>2.5</sub>	fine particulate matter ≤ 2.5 microns
PM <sub>10</sub>	particulate matter ≤ 10 microns
ppb	parts per billion
PPE	personal protective equipment
ppm	parts per million
PPV	peak particle velocity
PRC	Public Resources Code
Project Site	Radford Studio Center
PRPA	Paleontological Resources Preservation Act
psi	pounds per square inch
PURPA	Public Utility Regulatory Policies Act of 1978
PVC	polyvinyl chloride
Q <sub>50</sub>	volumetric flow rate generated by a 50-year storm event
Qfs	qualifying facilities
RASS	residential appliance saturation survey
RCRA	Resource Conservation and Recovery Act
REC	recognized environmental condition
Rehabilitation Standards	Secretary of the Interior's Standards for Rehabilitation
RENEW LA	Recovering Energy, Natural Resources, and Economic Benefit from Waste for Los Angeles
RFS	renewable fuel standard
RHNA	regional housing needs assessment

---

RIO	river improvement overlay
RMS	root mean square
ROG	reactive organic compounds
ROW	right-of-way
RPS	renewables portfolio standard
RSC Zone	Radford Studio Center Specific Plan Zone
RSPA	Research and Special Programs Administration
RTP	regional transportation plan
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
RWQCB	Regional Water Quality Control Board
S.A.F.E.	solvents/automotive/flammables/electronics
SAFE	safer affordable fuel-efficient
Safety Element	City of Los Angeles General Plan Safety Element
SAR	second assessment report [Section IV.G, Greenhouse Gas Emissions]
SAR	service advisory request [Section IV.O.1, Utilities and Service Systems—Water Supply and Infrastructure]
SB	Senate Bill
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCAR	sewer capacity availability review
SCCIC	South Central Coastal Information Center
SCE	Southern California Edison
SCS	sustainable communities strategy
SDWA	Safe Drinking Water Act
SEA	significant ecological area
SEMS	standard emergency management system
sf	square feet
SF <sub>6</sub>	sulfur hexafluoride



---

SFB	San Fernando Basin
SFHA	special flood hazard areas
SGMA	Sustainable Groundwater Management Act of 2014
Sign District	Radford Studio Center Sign District
SIP	state implementation plan
SLCP	short-lived climate pollutants
SLF	sacred lands file
SLs	above screening levels
SMP	soil management plan
SO <sub>2</sub>	sulfur dioxide
SO <sub>4</sub> <sup>2-</sup>	sulfates
SoCalGas	Southern California Gas Company
SORE	small offroad engine
SO <sub>x</sub>	sulfur oxide
SP	specific plan
SPCC	spill prevention control and countermeasure
Specific Plan	Radford Studio Center Specific Plan
SQG	small quantity generator
SR	State Route
SRA	source receptor area
SRRE	source reduction and recycling element
SRRF	Southeast Resource Recovery Facility
Standards	Secretary of the Interior's Standards for the Treatment of Historic Properties
Stormwater Program	Watershed Protection Program
Subsidence Evaluation	Subsidence Evaluation based on Dewatering Simulations Evaluation
Subsurface Assessment	Environmental Subsurface Assessment Report
Summary Plan	integrated waste management summary plan

Supreme Court	United States Supreme Court
SurveyLA	City of Los Angeles Historic Resources Survey
SUSMP	Standard Urban Stormwater Mitigation Plan
SVP	Society for Vertebrate Paleontology
SWIRP	solid waste integrated resources plan
SWIS	solid waste information system
SWP	State Water Project
SWPPP	stormwater pollution prevention plan
SWRCB	State Water Resources Control Board
TAC	toxic air contaminant
TAG	transportation assessment guidelines
TAZ	traffic analysis zone
TBZ	travel behavior zone
T <sub>c</sub>	time of concentration
TCE	trichloroethylene
TCR Report	<i>Tribal Cultural Resources Assessment for the Radford Studio Center Project</i>
TDF	travel demand forecasting
TDM	transportation demand management
TEN	transit enhanced network
TMDL	total maximum daily load
tn/emp/yr	tons per employee per year
TNM	Traffic Noise Model
TOD	transit-oriented development
TPA	transit priority area
tpd	tons per day
TPH	total petroleum hydrocarbons
Transportation Assessment	<i>Transportation Assessment for the Radford Studio Center Project</i>

---

Transportation Study	Transportation Assessment for the Radford Studio Center Project
Transverse Ranges	Transverse Ranges Geomorphic Province
Tree Report	<i>Tree Inventory Report—Radford Studio Center [North Lot] and Tree Inventory Report—Radford Studio Center [South Lot]</i>
TSCA	Toxic Substances Control Act
TSM	transportation systems management
UFC	Uniform Fire Code
ULAR EWMP	Enhanced Watershed Management Program for the Upper Los Angeles River
UNFCCC	United Nations Framework Convention on Climate Change
USACE	United States Army Corps of Engineers
USC	United States Code
USDOE	United States Department of Energy
USDOT	United States Department of Transportation
USEPA	United States Environmental Protection Agency
USGS	United States Geological Survey
UST	underground storage tank
Utility Report	<i>Radford Studio Center Project Utility Infrastructure Technical Report: Water, Wastewater, and Energy</i>
UWMP	urban water management plan
VdB	vibration decibels
VEN	vehicle enhanced network
VMT Calculator Documentation	<i>City of Los Angeles VMT Calculator Documentation</i>
VMT	vehicle-miles traveled
VOC	volatile organic compound
VZC	vesting zone change
W	watts
Water Quality Compliance Master Plan	Water Quality Compliance Master Plan for Urban Runoff

WBR	waste-by-rail
WDR	waste discharge requirement
WEAP	worker environmental awareness program
WRD	water replenishment district
WSA	water supply assessment
WSAP	water supply allocation plan
WSDM Plan	Water Surplus and Drought Management Plan
WSV	water supply verification
WWSI	wastewater service information
ZEV	zero-emission vehicle
ZNE	zero net energy